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SUBJECT: EVALUATION OF GLASS LAMP MISSION G-040.

1. QUALITY SUMMARY: THIS MISSION PROVIDES IMAGERY COMPARABLE TO RECENT MISSIONS EMPLOYING UNIT B-18. MOST FRAMES ARE DEGRADED BY WHAT APPEARS TO BE EITHER POOR FOCUS, LENS ALIGNMENT, VEHICLE VIBRATION OR AN ENVIRONMENTAL PROBLEM (TEMPERATURE). THIS DEGRADATION IS MOST EVIDENT IN THE PHOTOGRAPHY ACQUIRED IN THE VERTICAL POSITION AND IS MORE APPARENT AT THE SUPPLY END OF THE FRAME. THE GROUND RESOLUTION AND INTERPRETATION SUITABILITY ARE POOR TO FAIR. CLOUD COVER AND HAZE OBSCURE APPROXIMATELY 20 PERCENT OF THE ENTIRE MISSION.

2. MISSION DATA

A. THE STANDARD "B" CONFIGURATION CAMERA, UNIT NUMBER WAS USED IN MISSION G-040 FLOWN ON 28 AUGUST 1968. THIS WAS AN OPERATIONAL MISSION USING THE U-2 AIRCRAFT. MODE V WAS USED THROUGHOUT THE MISSION.

B. FILM TYPE 3400 WAS USED THROUGHOUT THE MISSION. PROCESSING WAS ACCOMPLISHED BY NAV RECON TECH SUPPCEN.

3. ORIGINAL NEGATIVE:

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A. EXPOSURE: EXPOSURE IS ADEQUATE THROUGHOUT.

B. DENSITY AND CONTRAST: GENERALLY MEDIUM.

C. IMAGED DEGRADATIONS:

(1) 9R SIDE: A MINUS DENSITY SPOT FOUR AND ONE-HALF INCHES FROM THE TITLED EDGE AND ONE-FOURTH INCH FROM THE DATA BLOCK EDGE IS PRESENT ON ALL FRAMES.

(2) 9L SIDE: A SMALL PLUS DENSITY MARK ALONG WITH A SMALL CROSS SHAPED MINUS DENSITY SPOT IS PRESENT APPROXIMATELY 0.4 INCH FROM THE TITLED EDGE ALONG THE NON-DATA BLOCK END OF EACH FRAME OF THE MISSION. MINUS DENSITY DOTS 1.5 INCHES FROM THE TITLED EDGE AND 0.15 INCH FROM THE DATA BLOCK END ARE PRESENT ON EVERY FRAME. PLUS DENSITY DASHES 3.7 INCHES FROM THE TITLED EDGE AND 6.3 INCHES APART APPEAR INTERMITTENTLY THROUGH FRAME 1500.

D. PHYSICAL DEGRADATIONS:

(1) 9R SIDE: FRAMES 173 AND 178 ARE BLISTERED WITH EMULSION MISSING IN SMALL AREAS. EMULSION DIGS AND SCRATCHES ARE PRESENT IN FRAME 1501. HEAT SPLICES ARE PRESENT IN FRAME 1286 AND BETWEEN FRAMES 725 AND 726. FRAME 1614 CONTAINS A MANUFACTURER'S SPLICE.

(2) 9L SIDE: THERE ARE HEAT SPLICES BETWEEN FRAMES 1199

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AND 1200 AND IN FRAMES 1146 AND 1414.

E. AUXILIARY DATA: ALL DATA RECORDING EQUIPMENT FUNCTIONED PROPERLY.

F. OTHER: THE LAST TITLED FRAME OF BOTH SIDES IS 2648.

4. POSITIVES:

A. THE PRINTING AND PROCESSING WERE GOOD.

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END OF MESSAGE

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